

RICHGRO GARDEN PRODUCTS

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

Classified as non-hazardous according to Worksafe Australia criteria

Product: Richgro Ezi-Wet Soil Wetter - Granular

PRODUCT NAME:	Ezi-Wet Frog-Friendly	UN NUMBER:	N/A
TRADE NAME:	As above	DANGEROUS GOODS CLASS:	N/A
OTHER NAMES:	N/A	SUBSIDIARY RISK:	N/A
PRODUCT CODE:	CRI6035	HAZCHEM CODE:	N/A
USE:	Soil wetting agent	POISONS SCHEDULE:	N/A

PHYSICAL DESCRIPTION / PROPERTIES

- **Appearance:** Pale to dark brown granules.
- **Odour:** Odourless
- **Boiling Point:** Not applicable
- **Melting Point:** Not available
- **Vapour pressure:** Not applicable
- **Specific gravity:** Not available
- **Flash point:** Not applicable
- **Flammability limits:** Inflammable
- **Bulk Density:** Not known
- **Solubility:** Solid particles mostly insoluble.
In contact with water it will leach out the wetting agent.
- **% Volatiles:** Not applicable
- **Auto ignition Temp:** Not applicable
- **Reactivity:** Reacts with strong oxidizing agents.
- **Other information:** Refer to Finished Product Specification.

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INGREDIENTS

Chemical Entity	CAS No.	Proportion	(%w/w)
<u>Inert mineral - carrier:</u>			
Disordered alpha-cristobalite	N/A	High	Note: High: >60% Medium: 10-60% Low: <10%
Kaolinitic clay	N/A	Low	
Crystalline silica	14464-46-1	Low	
<u>Active ingredient:</u>			
Nonionic surfactant	N/A	5 %	

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute Health Effects:

No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and product packaging information.

Swallowed: Non toxic unless large amounts are ingested which may cause irritation with gastrointestinal system with symptoms such as nausea and vomiting. Rinse mouth with water and give plenty of water to drink. Seek medical advice.

Eye: May cause mechanical irritation in contact with the eyes.

Skin: May cause mechanical irritation in contact with the skin.

Inhaled: Inhalation of the product dust may irritate, inflame or sensitise the nose, throat and lungs, with symptoms such as coughing and sore throat. Persons with impaired respiratory function, airway diseases and conditions such as emphysema, chronic bronchitis and allergies should handle the product with special care which includes usage of personal protective equipment.

Chronic Health Effects:

There is no known long term effect from chronic exposure to this product.

Primary route of exposure is usually by skin contact or with the inhalation of generated material dust. The mineral material is predominantly non-crystalline (amorphous) and thus is dissimilar to the crystalline form responsible for lung silicosis. The low level quartz component is present as a fine sand and is not anticipated to be respirable (it is not expected to exceed 1 % of air-borne respirable concentration).

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FIRST AID

Swallowed:	Wash out mouth with water immediately and give plenty of water to drink. Seek medical attention if symptoms develop. Poison Information Centre in each state's capital city can provide additional assistance.
Eye:	Irrigate immediately with plenty of water for 15 minutes holding eyelids open. If irritation persists seek medical attention.
Skin:	Remove all contaminated clothing. Wash with plenty of water and if irritation develops seek medical attention.
Inhaled:	Remove from exposure and ensure airways are clear. Keep warm and at rest. If irritation develops and persists seek medical attention.
Advice to Doctor:	Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Limits:	Name:	TWA	STEL
	Crystalline Silica	0.1 mg/m ³	N/A
	Amorphous Silica	10 mg/m ³	N/A
Engineering Controls:	Avoid generating and inhaling dusts. Use product with adequate ventilation. Use local exhaust ventilation while processing the product.		
Personal Protection:	Avoid eye contact and repeated or prolonged skin contact. Wear gloves, safety shoes, protective clothing, safety glasses with side shields and approved dust mask when necessary (class P1 respirator with replaceable filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended). Change and wash clothing and clean regularly personal protection equipment after use. Wash hands and face thoroughly after handling the product.		
Flammability:	Non flammable under normal conditions of use.		

SAFE HANDLING INFORMATION

Storage & Transport:	Store in a cool, clean, dry and well ventilated area out of direct sunlight. Store product away from oxidizing agents. Keep out of moisture, as it will cause leaching out the wetting agent. Not classified as Dangerous Goods.
Spills & Disposal:	Wear full protective clothing and personal protection. Slippery when spilt. Avoid creating any dusts. Prevent discharge to water, soil and air. Carefully vacuum or sweep up and shovel into suitable containers and hold for reuse/recycle or disposal.
Fire/Explosion Hazard:	This product is not flammable. No known explosion hazards or hazardous combustion products. Wear self-contained breathing apparatus and full protective clothing to minimize skin exposure. Use appropriate fire extinguisher for surrounding environment.
Other information:	Non hazardous to aquatic organisms. Chemically stable under normal conditions of use. No known environmental effects.

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Poison Information Centre 13 11 26

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